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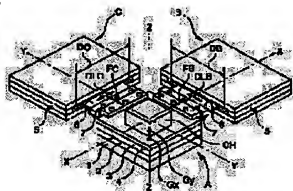
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(54) X-Y TABLE FOR MAKING LOAD MOVE HIGHLY AND PRECISELY AND DYNAMICALLY

(57)Abstract:

PROBLEM TO BE SOLVED: To stably and exactly move a carriage for a load.

SOLUTION: This X-Y table can move a load CH along rectangular active directions X and Y. This table includes a base 1, carriage 4 for the load CH mounted so that it can move on the base along the active directions X and Y via slide means 3 and 4 in each direction, and two linear motors B and C respectively including a moving element 6 connected with stators 5 and the carriage 4. Moreover, a coil and a magnet are embedded in each moving element 6 and stator 5, so that a driving force along the active directions of the linear motors B and C can be added to the carriage 4, and at the same time the stators 5 can accept the mobility in another active direction of the moving elements 6.



## LEGAL STATUS

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